

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A flexible belt composite comprising:  
a reinforcement material having two faces;  
a coating disposed over a first face of the two faces and a coating disposed over a second face of the two faces at least one face; and  
a multiplicity of ribs raised above ~~at least one of the coated faces~~ the first face of the reinforcement material, the multiplicity of ribs configured to impart lateral force to objects carried by the belt; and  
a multiplicity of ribs raised above the second face of the reinforcement material;  
~~wherein the ribs are separated from one another by a distance greater than the height of a rib~~  
wherein the ribs raised above the first face are raised above the first face by about 0.02 inches to about 0.05 inches.
2. (Currently Amended) A flexible belt composite according to claim 1, wherein the reinforcement material is comprised of fiberglass, nylon, polyester, aramid, polyethylene, polyolefins, polyimides, or films thereof.
3. (Currently Amended) A flexible belt composite according to claim 1, wherein the coating is comprised of silicone rubbers, urethane rubbers, or fluoropolymer, including fluoroplastics (such as PTFE) and fluoroelastomers, or blends thereof.
4. (Currently Amended) A flexible belt composite according to claim 3, wherein the ribs are comprised of silicone rubbers, urethane rubbers, or fluoropolymer, including fluoroplastics (such as PTFE) and fluoroelastomers, or blends thereof.
5. (Currently Amended) A flexible belt composite according to claim 4, wherein the coating and the ribs are comprised of different materials.

6. (Currently Amended) A flexible belt composite according to claim 4, wherein the coating and the ribs are comprised of a liquid silicone rubber formulation.
7. (Currently Amended) A flexible belt composite according to claim 4, wherein the coating and the ribs are comprised of a polytetrafluoroethylene.
8. (Currently Amended) A flexible belt composite according to claim 4, wherein the ribs are comprised of low density polytetrafluoroethylene.
9. (Currently Amended) A flexible belt composite according to claim 2, wherein the reinforcement material is comprised of fiberglass and the coating and ribs are comprised of silicone rubber.
10. (Currently Amended) A flexible belt composite according to claim 1, wherein the ribs are arranged in a regular, repeating, natural, random, or cyclical pattern or combinations thereof.
11. (Currently Amended) A flexible belt composite according to claim 1, wherein the ribs form a pattern of a series of straight, parallel, essentially parallel, undulating, zigzag, or sinusoidal ribs or combinations thereof.
- 12-33. (Cancelled)
34. (New) The flexible belt of claim 1, wherein
  - the two faces include a first face and a second face opposite the first face;
  - the coating disposed over the first face comprises silicone rubber;
  - the coating disposed over the second face comprises silicone rubber;
  - the ribs raised above the first face comprise silicone rubber;
  - the ribs raised above the second face comprise silicone rubber;
  - the reinforcement material comprises fiberglass; and
  - the flexible belt is configured to withstand temperatures of at least 300 deg. F.

35. (New) The flexible belt of claim 1, wherein

the ribs raised above the first face have a curved shape and have a density of at least one rib per linear foot of the flexible belt; and

the ribs raised above the second face are transverse, are parallel to each other, and have a height of about 0.02 inches to about 0.05 inches.

36. (New) The flexible belt of claim 35, wherein

the coating disposed over the first face comprises silicone rubber;

the coating disposed over the second face comprises silicone rubber;

the ribs raised above the first face comprise silicone rubber;

the ribs raised above the second face comprise silicone rubber; and

the flexible belt is configured to withstand temperatures of at least 300 deg. F.

37. (New) The flexible belt of claim 35, wherein

the ribs raised above the first face are discontinuous and have a pigment different than the coating disposed over the first face; and

the ribs raised above the second face are discontinuous and are configured to contact a second belt such that interaction between the ribs raised above the second face and the second belt will provide force to laterally move the flexible belt.

38. (New) The flexible belt of claim 1, wherein

the two faces include a first face and a second face opposite the first face;

the ribs raised above the first face are discontinuous and have a pigment different than the coating disposed over the first face; and

the ribs raised above the second face are discontinuous and are configured to contact a second belt such that interaction between the ribs raised above the second face and the second belt will provide force to laterally move the flexible belt.

39. (New) The flexible belt of claim 1, wherein

the coating disposed over the top face comprises silicone rubber; and

the coating disposed over the bottom face comprises silicone rubber.

40. (New) The flexible belt of claim 39, wherein the ribs raised above the first face are composed essentially of silicone rubber.
41. (New) The flexible belt of claim 40, wherein the ribs raised above the second face are composed essentially of silicone rubber.
42. (New) The flexible belt of claim 1, wherein the ribs raised above the first face have a curved shape.
43. (New) The flexible belt of claim 42, wherein the ribs raised above the second face are transverse.
44. (New) The flexible belt of claim 43, wherein the ribs raised above the second face are parallel to each other.
45. (New) The flexible belt of claim 43, wherein the ribs raised above the second face are raised above the second face by about 0.02 inches to about 0.05 inches.
46. (New) The flexible belt of claim 43, wherein
  - the coating disposed over the first face comprises silicone rubber;
  - the coating disposed over the second face comprises silicone rubber;
  - the ribs raised above the first face comprise silicone rubber; and
  - the ribs raised above the second face comprise silicone rubber.
47. (New) The flexible belt of claim 1, wherein the plurality of ribs raised above the first face are configured to impart lateral force to objects carried by the flexible belt, and the plurality of ribs raised above the second face are configured to contact a second belt such that interaction between the flights raised above the second face and the second belt will provide force to laterally move the flexible belt.
48. (New) The flexible belt of claim 1, wherein the ribs are independent of the reinforcement material and each rib is separated from another rib by a distance of coating that is greater than the height of each rib.

49. (New) The flexible belt of claim 1, wherein the ribs are constructed from a material different than the coating.

50. (New) A flexible composite composed essentially of:

a reinforcement material having a first face and a second face;

a coating disposed over substantially all of the first face, the coating including silicone rubber;

a coating disposed substantially all of the second face, the coating including silicone rubber;

a plurality of flights raised above the first face by a height of about 0.02 inches to about 0.05 inches, the plurality of flights raised above the first face having a curved shape and including silicone rubber;

a plurality of flights raised above the second face by a height of about 0.02 inches to about 0.05 inches, the plurality of flights raised above the second face being straight and including silicone rubber.

51. (New) The flexible composite of claim 50, wherein the plurality of flights raised above the second face are discontinuous, and the plurality of flights raised above the first face are discontinuous and have a different pigment than the coating disposed over the first face.

52. (New) The flexible composite of claim 50, wherein

the plurality of flights raised above the first face have a density of at least one flight per linear foot of the flexible composite;

the plurality of flights raised above the second face are parallel to each other and are configured to contact a belt such that interaction between the flights raised above the second face and the belt will provide force to laterally move the flexible composite; and

the flexible composite is configured to withstand temperatures of at least 300 deg. F.

53. (New) A flexible belt comprising:

a reinforcement material having a first face and a second face, the flexible belt comprising at least one of a fiberglass, a nylon, a polyester, an aramid, a polyethylene, a polyolefin, and a polyimide;

a coating disposed over the first face, the coating comprising at least one of a silicone rubber, a urethane rubber, and a fluoropolymer;

a coating disposed over the second face, the coating comprising at least one of a silicone rubber, a urethane rubber, and a fluoropolymer;

a plurality of flights raised above the first face by a height of about 0.02 inches to about 0.05 inches, the plurality of flights raised above the first face configured to impart lateral force to objects carried by the flexible belt and comprising at least one of a silicone rubber, a urethane rubber, and a fluoropolymer;

a plurality of flights raised above the second face and comprising at least one of a silicone rubber, a urethane rubber, and a fluoropolymer; the plurality of flights raised above the second face configured to contact a second belt such that interaction between the flights raised above the second face and the second belt will provide force to laterally move the flexible belt;

wherein the flexible belt is configured to withstand temperatures of at least 300 deg. F.

54. (New) The flexible belt of claim 53, wherein the plurality of flights raised above the second face are raised above the second face by a height of about 0.02 inches to about 0.05 inches and the plurality of flights raised above the second face have a density of at least one flight per linear foot of the flexible belt.

55. (New) A flexible belt comprising:

a reinforcement material having two faces;

a coating disposed over a first face of the two faces and a coating disposed over a second face of the two faces;

a multiplicity of ribs raised above the first face of the reinforcement material; and

a multiplicity of ribs raised above the second face of the reinforcement material;

wherein the multiplicity of ribs raised above the first face are raised above the first face by at least 0.02 inches and are configured to impart lateral force to objects carried by the belt.

56. (New) The flexible belt of claim 55, wherein

the two faces include a first face and a second face opposite the first face;

the coating disposed over the first face comprises silicone rubber;

the coating disposed over the second face comprises silicone rubber;

the ribs raised above the first face comprise silicone rubber;

the ribs raised above the second face comprise silicone rubber;

the reinforcement material comprises fiberglass; and

the flexible belt is configured to withstand temperatures of at least 300 deg. F.

57. (New) The flexible belt of claim 55, wherein

the ribs raised above the first face have a curved shape and have a density of at least one rib per linear foot of the flexible belt; and

the ribs raised above the second face are straight, are parallel to each other, and have a height of about 0.02 inches to about 0.05 inches.

58. (New) The flexible belt of claim 55, wherein

the ribs raised above the first face are discontinuous and have a pigment different than the coating disposed over the first face; and



the ribs raised above the second face are discontinuous and are configured to contact a second belt such that interaction between the ribs raised above the second face and the second belt will provide force to laterally move the flexible belt.

59. (New) A flexible belt comprising:

a reinforcement material having two faces and configured to reinforce the belt;

a coating disposed over a first face of the two faces and a coating disposed over a second face of the two faces;

a multiplicity of ribs having a curved shape raised above the first face of the reinforcement material; and

a multiplicity of transverse, parallel ribs raised above the second face of the reinforcement material.

60. (New) The flexible belt of claim 59, wherein the two faces include a first face and a second face opposite the first face, the plurality of ribs raised above the first face are configured to impart lateral force to objects carried by the flexible belt, and the plurality of ribs raised above the second face are configured to contact a second belt such that interaction between the flights raised above the second face and the second belt will provide force to laterally move the flexible belt.